

## VERSION WITH MARKINGS TO SHOW CHANGES MADE

### In the Claims:

Claims 4, 6, 7 and 11 have been amended as follows:

4. (Amended) Reaction chamber for an epitaxial reactor, according to ~~Claims 2 and 3~~ Claim 2, characterized in that the cap (52) is closed at the top by a flange (86) terminating in a dome-piece (88) communicating with a sleeve (96) for connection to an external source of gas to be used in the same reaction chamber, which dome-piece is provided with a bottom (100) defining at least one circular slit for ensuring a rigorously uniform distribution of gas to an annular chamber (104) for supplying the plurality of pipes (106a-f) emerging from the distributor (54) inside the belljar (14).
6. (Amended) Reaction chamber for an epitaxial reactor, according to ~~Claims 4 and 5~~ Claim 4, characterized in that the cap (52) of the distributor (54) comprises an internal chamber (114) for the flow of a cooling fluid.
7. (Amended) Reaction chamber for an epitaxial reactor, according to ~~Claims 4, 5 and 6~~ Claim 4, characterized in that the outlet pipes (106a-f) are made of a material which is chemically inert with respect to the gas used in the belljar.
11. (Amended) Reaction chamber for an epitaxial reactor, according to ~~the preceding claims~~ Claim 1, characterized in that the baffles (122a-f) fixed to the susceptor (24) are made of material chemically inert with respect to the gases used in the said chamber.